



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Roger F. Sutcliffe. Serial No: 10/714349  
Filed: November 15, 2003  
The Commissioner for Patents  
Alexandria, VA 22313-1450

TRANSMITTAL OF REPLACEMENT CLAIMS

Dear Sir:

In response to Official Letter Mailed 02/18/2004 the applicant encloses on separate sheet claims in the above application and a copy of the above notice.

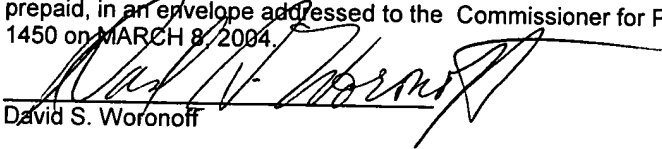
March 8, 2004  
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Respectfully submitted,

  
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CERTIFICATE OF MAILING

I certify that the foregoing is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 on MARCH 8, 2004.

  
David S. Woronoff



## *Claims*

I claim:

1. An apparatus for interconnecting electrical parts on at least one circuit board having a pattern of electrically conductive elements thereon comprising in combination:

at least one socket means having a particular array of electrically conductive through passages formed thereon which pattern mates with the pattern on a circuit board; the socket means having connected to it a socket sleeve member which has a conductive passageway through it; the socket sleeve member having a contact member therein for receiving an interconnecting pin member which fits through the sleeve member and engages the contact member placed within the sleeve;

a relatively soft barrier means formed at one end of the sleeve member adapted to be easily removed by the insertion of the interconnecting pin member.

2. The apparatus claimed in claim 1 including wherein said

soft barrier means is formed of kraft paper.

3. The apparatus claimed in claim 1 wherein the near end of the sleeve member is formed into a sharp edge member.
4. The apparatus claimed in claim 1 wherein the sleeve member has an outer surface which is tapered inward towards its center to form a sharp edge with the inner cylindrical surface.

5. The apparatus claimed in claim 1 wherein the cylindrical sleeve member is formed on one end thereof to trap and retain in possession the barrier means until an interconnecting pin member is placed therein to dislodge the barrier means.